

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
17 February 2005 (17.02.2005)

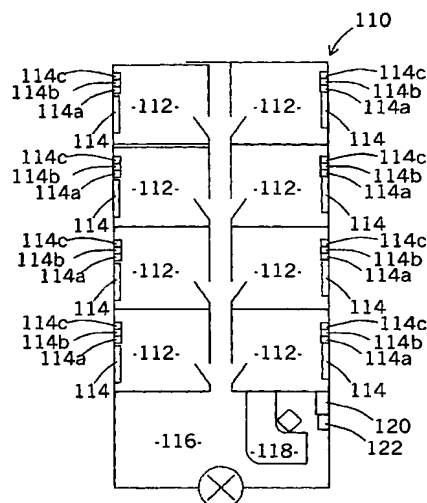
PCT

(10) International Publication Number
WO 2005/015519 A1

- (51) International Patent Classification⁷: **G08C 17/02**
- (21) International Application Number:
PCT/GB2004/003427
- (22) International Filing Date: 6 August 2004 (06.08.2004)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
0318380.3 6 August 2003 (06.08.2003) GB
- (71) Applicant (for all designated States except US): **INTELLIGENT ELECTRICS (INTELLECTUAL PROPERTY) LIMITED** [GB/GB]; Sunny Acres, Bridport Road, Winterbourne Steepleton, Dorchester DT2 9DX (GB).
- (72) Inventor; and
- (75) Inventor/Applicant (for US only): **HARDWICK, Michael, Dennis** [GB/GB]; Sunny Acres, Bridport Road, Winterbourne Steepleton, Dorchester DT2 9DX (GB).
- (74) Agents: **ATKINSON, Ralph et al.**; Atkinson Burrington, 28 President Buildings, President Way, Sheffield S4 7UR (GB).
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- Published:
— with international search report

[Continued on next page]

(54) Title: REMOTE CONTROL SYSTEM FOR CONTROLLING APPARATUS IN RESPONSE TO A VARIABLE



(57) Abstract: A hotel floor (110) comprises rooms (112) each provided with a central heating radiator (114) having a valve (114a) adjustable by means of a 0-10V dc stepper motor (114b). In the hotel lobby (116) a sensor (122) for ambient temperature is connected to a radio transmitter (120) and radio receivers (114c) are connected to the stepper motors (114b) in each room (112). If the ambient temperature falls, the transmitter (120) transmits to the receivers (114c) a signal representing the lower temperature, and the stepper motors (114b) open the valves (114a). If the temperature rises, the transmitter (120) transmits another signal, and the stepper motors 114b close the valves (114a). Thus the heat output of the radiators (114) is varied in inverse relation to the ambient temperature. The system may otherwise control lighting fittings by way of dimming ballasts, and may also include person-detectors, timers etc.



For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.